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10/632,446	07/31/2003	Amit Raikar	200300489-1	2839

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EXAMINER

SHIN, KYUNG H

ART UNIT	PAPER NUMBER
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2143

MAIL DATE	DELIVERY MODE
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05/17/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/632,446

Applicant(s)

RAIKAR, AMIT

Examiner

Kyung H. Shin

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 31 July 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-19 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-19 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 7/31/03 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____
- ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- ☐ Notice of Informal Patent Application
- ☐ Other: _____

DETAILED ACTION

1. This action is responding to application papers filed on **7-31-2003**. Claims **1 - 19** are pending. Claim **1, 8, 14** are independent.

Drawings

2. The informal drawing of **Fig. 2** is not of sufficient quality to permit examination. Accordingly, replacement drawing sheet in compliance with 37 CFR 1.121(d) is required in reply to this Office action. The replacement sheet(s) should be labeled "Replacement Sheet" in the page header (as per 37 CFR 1.84(c)) so as not to obstruct any portion of the drawing figures. If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action.

Applicant is given a TWO MONTH time period to submit new drawings in compliance with 37 CFR 1.81. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a). Failure to timely submit replacement drawing sheets will result in ABANDONMENT of the application.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent,

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except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claim 1 - 7, 14 - 19 are rejected under 35 U.S.C. 102(e) as being anticipated by **Desai et al.** (US PG PUB No. **20030188189**).

Regarding Claim 1, Desai discloses a method for configuring templates, the method comprising:

- a) configuring a template for an application and network management system with first information for determining whether data associated with at least one message received by the template should or should not be processed by the template; (see Desai paragraph [0022], lines 1-5; paragraph [0023], lines 1-5: template processing; paragraph [0093], lines 3-6; paragraph [0094], lines 6-8: data is blocked)
- b) configuring the template with second information for processing the data associated with at least one of the received messages; (see Desai paragraph [0093], lines 3-6: processing data, execute user defined programs) and
- c) configuring the template with third information for preventing the communication of at least one received message to other templates of the application and network management system. (see Desai paragraph [0063], lines 1-4: further analysis)

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Regarding Claims 2, 15, Desai discloses the method, computer system of claims 1, 14, wherein configuring the template with second information for processing further comprises configuring the template with the second information for communicating the data associated with at least one of the received messages to a management server. (see Desai paragraph [0063], lines 1-4: forwarded to management server)

Regarding Claims 3, 16, Desai discloses the method, computer system of claims 1, 14, wherein the template is one of an SNMP trap template, a message template, a monitor agent template, a logfile template and a console template. (see Desai paragraph [0043], lines 3-8; paragraph [0090], lines 4-10: SNMP, or logfile processing)

Regarding Claims 4, 17, Desai discloses the method, computer system of claims 1, 14, wherein at least one received message is validated with at least one of pattern matching language, MSI, values from environment variables, and values from secure sources. (see Desai paragraph [0050], lines 1-4; paragraph [0052], lines 1-6: matching utilized for analysis)

Regarding Claims 5, 18, Desai discloses the method, computer system of claims 1, 14, wherein the method further comprises: configuring the template with fourth information for specifying for a particular received message an action to be performed, wherein the fourth information ensures that the action is performed on a node that generated the particular received message. (see Desai paragraph [0058], lines 4-6; paragraph [0061],

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lines 7-11: event threshold parameter assigned to specific originating device)

Regarding Claims 6, 19, Desai discloses the method, computer system of claims 1, 14, wherein the second information specifies a superset of conditions for processing all the received messages and wherein:

- a) configuring the template with the first information further comprises configuring the template with the superset of conditions to determine whether data associated with at least one received message should or should not be processed by the template; (see Desai paragraph [0022], lines 1-5; paragraph [0023], lines 1-5: template processing; paragraph [0093], lines 3-6; paragraph [0094], lines 6-8: data is blocked) and
- b) configuring the template with the third information further comprises configuring the template with the superset of conditions to prevent the communication of at least one received message to other templates. (see Desai paragraph [0063], lines 1-4: further analysis)

Regarding Claim 7, Desai discloses the method of claim 1, wherein the steps of configuring are performed by a template automator. (see Desai paragraph [0024], lines 1-3; paragraph [0062], lines 3-6; paragraph [0089], lines 5-9: automatic processing)

Regarding Claim 14, Desai discloses a computer system comprising:

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- a) a memory unit; (see Desai paragraph [0012], lines 10-12: web server, network server, workstation) and
- b) a processor coupled to the memory unit (see Desai paragraph [0012], lines 10-12: web server, network server, workstation), wherein the processor executes instructions associated with a template automator, and wherein the instructions of the template automator are for:
- c) configuring a template for an application and network management system with first information for determining whether data associated with at least one message received by the template should or should not be processed by the template; (see Desai paragraph [0022], lines 1-5; paragraph [0023], lines 1-5: template processing; paragraph [0093], lines 3-6; paragraph [0094], lines 6-8: data is blocked)
- d) configuring the template with second information for processing the data associated with at least one of the received messages; (see Desai paragraph [0093], lines 3-6: processing data, execute user defined programs) and
- e) configuring the template with third information for preventing the communication of at least one received message to other templates of the application and network management system. (see Desai paragraph [0063], lines 1-4: further analysis)

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5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which the subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claim 8 - 13 are rejected under 35 U.S.C. 103(a) as being anticipated by **Desai et al.** (US PG PUB No. **20030188189**) in view of **Flowers et al.** (US Patent No. **6,957,348**).

Regarding Claim 8, Desai discloses a method for providing a guideline to developers for creating templates, the guideline comprising information used by the developers for:

- a) receiving first information entered by a developer to configure a template of an application and network management system for determining whether data associated with at least one message received by the template should or should not be processed by the template; (see Desai paragraph [0022], lines 1-5; paragraph [0023], lines 1-5: template processing; paragraph [0093], lines 3-6; paragraph [0094], lines 6-8: data is blocked)
- b) receiving second information entered by the developer to configure the template to process the data associated with at least one of the received messages; (see Desai paragraph [0093], lines 3-6: processing data, execute user defined programs) and
- c) receiving third information entered by the developer to configure the template to prevent the communication of at least one received message to other templates

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of the application and network management system. (see Desai paragraph [0063], lines 1-4: further analysis)

Desai does not specifically disclose the guidelines for developers. However, Flowers discloses wherein providing a guideline to developers for creating templates, the guideline comprising information used by the developers. (see Flowers col. 2, lines 45-50; col. 2, lines 53-60: development of templates, rules)

It would have been obvious to one of ordinary skill in the art to modify Desai as taught by Flowers to enable the capability to provide a guideline comprising information used by the developers for creating templates. One of ordinary skill in the art would have been motivated to employ the teachings of Flowers in order to enable the capability to enable the identification and description of vulnerability and intrusion detection information for typical network engineers in development efforts. (see Flowers col. 2, lines 16-18: “ ... *Further, there is a need to perform vulnerability and intrusion identification and description that is usable by typical network engineers. ...* ”)

Regarding Claim 9, Desai discloses the method of claim 8, wherein configuring the template with second information for processing further comprises configuring the template with the second information for communicating the data associated with at least one of the received messages to a management server. (see Desai paragraph [0063], lines 1-4: forwarded to management server)

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Regarding Claim 10, Desai discloses the method, of claim 8, wherein the template is one of an SNMP trap template, a message template, a monitor agent template, a logfile template and a console template. (see Desai paragraph [0043], lines 3-8; paragraph [0090], lines 4-10: SNMP, or logfile processing)

Regarding Claim 11, Desai discloses the method of claim 8, wherein at least one received message is validated with at least one of pattern matching language, MSI, values from environment variables, and values from secure sources. (see Desai paragraph [0050], lines 1-4; paragraph [0052], lines 1-6: matching utilized for analysis)

Regarding Claim 12, Desai discloses the method of claim 8, wherein the method further comprises: configuring the template with fourth information for specifying for a particular received message an action to be performed, wherein the fourth information ensures that the action is performed on a node that generated the particular received message. (see Desai paragraph [0058], lines 4-6; paragraph [0061], lines 7-11: event threshold parameter assigned to specific originating device)

Regarding Claim 13, Desai discloses the method of claim 8, wherein the second information specifies a superset of conditions for processing all the received messages and wherein:

- a) configuring the template with the first information further comprises configuring the template with the superset of conditions to determine whether data

associated with at least one received message should or should not be processed by the template; (see Desai paragraph [0022], lines 1-5; paragraph [0023], lines 1-5: template processing; paragraph [0093], lines 3-6; paragraph [0094], lines 6-8: data is blocked) and

- b) configuring the template with the third information further comprises configuring the template with the superset of conditions to prevent the communication of at least one received message to other templates. (see Desai paragraph [0063], lines 1-4: further analysis)

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kyung H. Shin whose telephone number is (571) 272-3920. The examiner can normally be reached on 9:30 am - 6 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David A. Wiley can be reached on (571) 272-3923. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Kyung H Shin
Patent Examiner
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A handwritten signature in cursive script that reads "Kyung H. Shin". There are small asterisks or marks under the "H" and "S".

KHS
May 3, 2007